

ABSTRACT

Information technology is one technology that is growing rapidly at this time. With advances in information technology, access to information can take place quickly and efficiently. Jaya Plaza is one store that requires an information system, as Jaya Plaza is the oldest electronic shops in the city of Bandung. System used by the seller at the shop in Jaya Plaza for providing service and facilities information is still done manually. In addition, sales and payments are still using manual systems are less than optimal, such as the difficulty of buying stuff for people who are located far from the location Jaya Plaza it self or people who may be busy and do not have time to go to the location of the Jaya Plaza.

Therefore, the final project was to build an application system of web-based E-Commerce that can help the shopkeepers in the glorious plaza in promoting their products and make it easier for consumers who want to buy things without having to go to the plaza directly glorious location. This application also simplifies the payment process in which consumers can pay through any media either through atm transfer, sms banking, mobile banking, electronic banking and others. This application uses PHP as a web-based programming language and MySQL as database server. Application was designed based on needs and not ignore the procedures set in advance so the application can be implemented.

After testing and implementation, obtained several conclusions among them : this application can help the owner of the shop in Jaya Plaza in promoting and selling their products, as well as to provide convenience for consumers who want to buy goods without having to direct the location and also provide convenience in transaction processing payments for goods. It is based on subjective testing of this website that states have the ease of use and provide information according to user needs and also by testing the speed and performance testing of this website that states can be accessed by more than 10 users simultaneously. Keywords: E-Commerce Application based on web, payment transactions, PHP, MySQL, SMS Gateway